

Listing and Amendments to the Claims

This listing of claims will replace the claims that were published in the PCT

Application:

1. (currently amended) Waveguide filter comprising at least one cavity (4)-delimited by at least two inductive irises (7), ~~characterized in that , wherein~~ the filter furthermore comprises at least one floating insert (1)-placed in one of the inductive irises and supported by at least one block of foam.

2. (currently amended) Filter according to Claim 1, ~~characterized in that wherein~~ the floating insert (1)-is placed nearer to the edge of the iris (7)-than to the centre of the iris (7).

3. (currently amended) Filter according to ~~one of Claims 1 or 2,~~ characterized in that it comprises Claim 1, wherein the at least one block of foam is at least one block (93 to 95)-of dielectric foam inside the waveguide.

4. (currently amended) Filter according to Claim 3, ~~characterized in that wherein~~ the floating insert (96, 97)-is printed on the block (93, 95)-of foam.

5. (currently amended) Filter according to ~~one of Claims 3 or 4,~~ characterized in that Claim 3, wherein the foam has a relative dielectric constant of close to 1.

6. (currently amended) Filter according to Claim 5, ~~characterized in that wherein~~ the foam is a polymethacrylate foam.

7. (currently amended) Process for manufacturing a waveguide filter in which a waveguide is made in two parts (90, 92), the waveguide comprising at least one cavity (4)-delimited by two irises (7, 91), ~~characterized in that , wherein~~ before assembling the two parts (90, 92)-of the waveguide, at least one block (93 to 95)-of dielectric foam is placed inside the waveguide, and in that the block (93, 95) supports at least one metallization which forms at least one floating insert (96, 97).

8. (currently amended) Process according to claim 7,
~~characterized in that the insert (96, 97)~~ is made by a technique of printing on the
foam.